

REGULAR DC CHARGER, SINGLE & DUAL

30KW — 40KW

WALL MOUNTED OR STAND PEDESTAL

PRODUCT DATASHEET / MAY 2026


 **Reliable**

Product Reliability

99%

 **Cloud Enabled**

Monitoring & Assistance

24/7

 **Built To Last**

Service Life

10Yr

KEY FEATURES

- ↳ Single tethered connector, available as wall-mounted or stand-mounted
- ↳ Supports dynamic load balancing and static load management
- ↳ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ↳ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ↳ Integrated PME fault detection
- ↳ Three-phase connection
- ↳ 2-year warranty



REGULAR DC CHARGER, SINGLE & DUAL

⌂ 30kW

⌂ 40kW

⌂ 40kW, DUAL

PRODUCT CODE	TP-EVPD030KS	TP-EVPD040KS	TP-EVPD040KW
⌌ ELECTRICAL INPUT			
Supply System	3P+N+PE, TN/TT		
Supply Voltage	400 V AC (±15%)		
Supply Frequency	50/60 ±1 Hz		
Rated Input Current	50 A	65 A	65 A
Power Factor	≥0.98 at 50 – 100% output power		
THD	<5% at 50 – 100% full load		
Charging Efficiency	≥96% at nominal output power		
⌌ ELECTRICAL OUTPUT			
Output Voltage Range	150–1000 V DC		
Maximum Current	80 A	125 A	100 A
Maximum Power	30 kW	40 kW	40 kW (2 x 20 kW simultaneous)
Maximum Power	-	-	40 kW
Connector Type	CCS2 / GBT / CHAdeMO		
Number of Connectors / Outputs	1	1	2
Cable Length	5 m, others optional		
⌌ CONNECTIVITY AND COMMUNICATION			
Network Connectivity	Ethernet (RJ45) / Wi-Fi / 4G		
Backend Protocol	OCPP 1.6J / 2.0 / 2.0.1		
⌌ USER INTERFACE AND ACCESS CONTROL			
Display / HMI	7" LCD Touch Screen		
RFID	RFID: ISO/IEC 14443 A/B; MIFARE, 13.56 MHz		
Authentication And Payment	App, QR Code, MAC Authentication, Card Payment (optional)		
Metering	DC energy meter, CE-marked		
⌌ ENVIRONMENTAL CONDITIONS			
Operating Temperature	-25°C to 50°C		
Storage Temperature	-30°C to 70°C		
Altitude	≤2000 m		
Humidity	5% to 95% non-condensing		
Ingress And Impact Protection	IP54, IK10 (screen excluded)		
Noise	<70 dB		
⌌ SAFETY AND PROTECTION			
Integrated Protections	MCB+RCD 63A, 30mA, Type A	MCB+RCD 80A, 30mA, Type A	2 x MCB+RCD 80A, 30mA, Type A
	Emergency stop button / RDC-DD, 6 mA DC leakage detection/ Surge protection device (SPD), Type 2, fused / Overvoltage and undervoltage protection / Overcurrent protection / Output PE continuous continuity checking / Output short-circuit protection / Insulation monitoring / Temperature monitoring 2 pcs (Optional)		
Physical Security And Access	Key-lock access door		
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant		

Cont'd on page 2

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☰ MECHANICAL DATA

Dimensions	750 x 332 x 520 mm	750 x 332 x 520 mm	750 x 332 x 570 mm
Weight	80 kg	90 kg	100.5 kg
Mounting	Wall mounted / Stand pedestal		
Cable Management	Cable support		
Cooling System	Forced-air cooling		

☰ COMPLIANCE AND STANDARDS

Charging Protocol Support	ISO 15118; DIN SPEC 70121; GB/T 27930; CHAdeMO 0.9 / 1.0		
Regulatory Compliance	IEC/EN 61851-1:2017; IEC 61851-21-2:2018; IEC 62196-1:2014; IEC 62196-2:2016; IEC 62955-2018; IEC 61439-7-2018		
Certification	CE Marked (LVD, EMC, RoHS)		

End of Table